



Project Speedy Neut Hydrolysate Disposal



Presentation for:

**CITY OF DAYTON
SOUTHEAST PRIORITY
BOARD**

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Frequently Asked Questions



- What chemical agents are being destroyed at the Newport Chemical Agent Disposal Facility (NECDF)?
- What is hydrolysate?
- What contract does the Army/Parsons have with a company in Dayton (Perma-Fix)?
- How is the hydrolysate being transported?
- Is it safe to transport?
- Is it safe to treat at Perma-Fix?
- Has biotreatment of hydrolysate been done before?
- Why is the hydrolysate being treated off-site?



Accelerated Newport Bottom Line



- Safety and environmental protection are paramount
- VX stockpile safely destroyed as much as 2 years earlier
 - Reduces risk to public
 - Returns National Guard soldiers to families, employers and communities sooner
 - Reduces cost of destruction to the tax payer
- Hydrolysate off-site treatment is crucial in achieving acceleration
 - Perma-Fix:
 - Is successfully treating similar material from commercial sources
 - Is providing information to local community and stakeholders
 - Must successfully demonstrate capability to treat hydrolysate safely



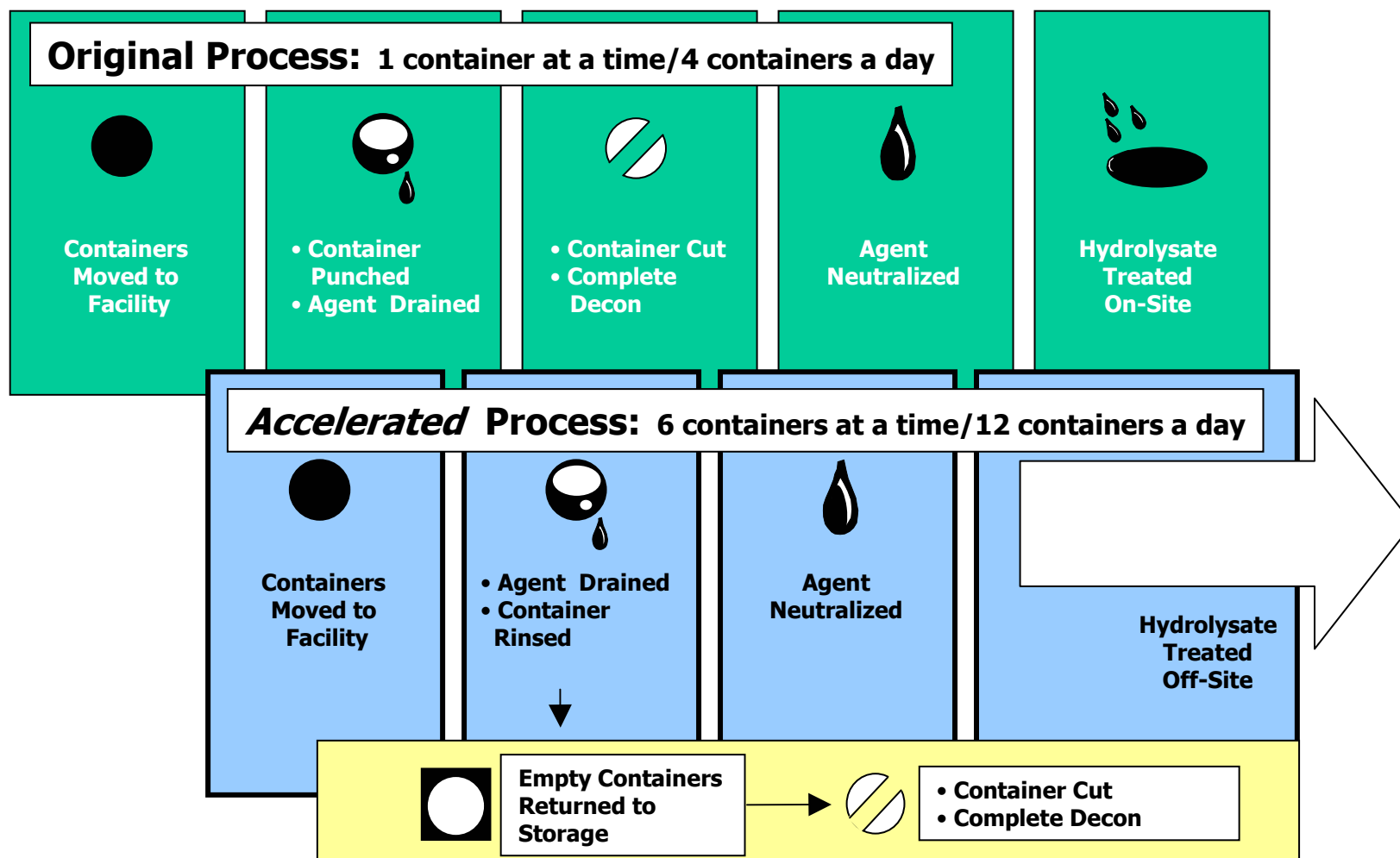
Genesis of Project Speedy Neut



- Adjunct to additional security measures adopted by the Army following the September 11, 2001, terrorist attacks
 - On-site relocation of stockpile
 - Deployment of National Guard soldiers
- Goal was to accelerate the disposal of bulk agents
 - Mustard (HD) at Aberdeen Proving Ground, MD
 - VX nerve agent at Newport Chemical Depot, IN



Destruction Process Comparison





Accelerated Newport Hydrolysate Characteristics



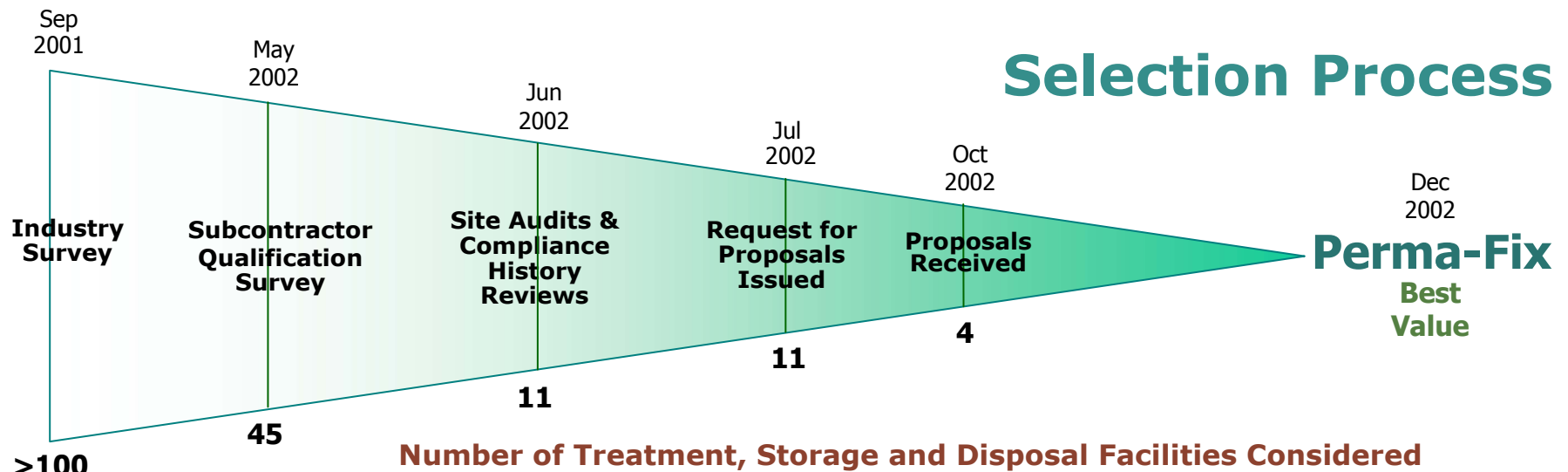
- ***Hydrolysate is not VX and does not possess the characteristics of that agent***
- It is an industrial waste (corrosive) and is unique only because of where it is generated
- It is composed of 55% water, 40% organic compounds & 5% sodium hydroxide
- It will be analyzed on-site at Newport to ensure it contains no detectable agent before it is transported to Perma-Fix



Accelerated Newport Why Perma-Fix?



- Rigorous, comprehensive, nation-wide competitive selection process
- RFP Evaluation Criteria: technology, expertise, transportation plan, regulatory compliance, safety history, capacity, risk (stability, environmental, public outreach, technical capability), and cost
- Only interested and qualified firms asked to submit proposals
- Perma-Fix one of only four interested nation-wide facilities capable of safely accepting, handling, and treating the hydrolysate

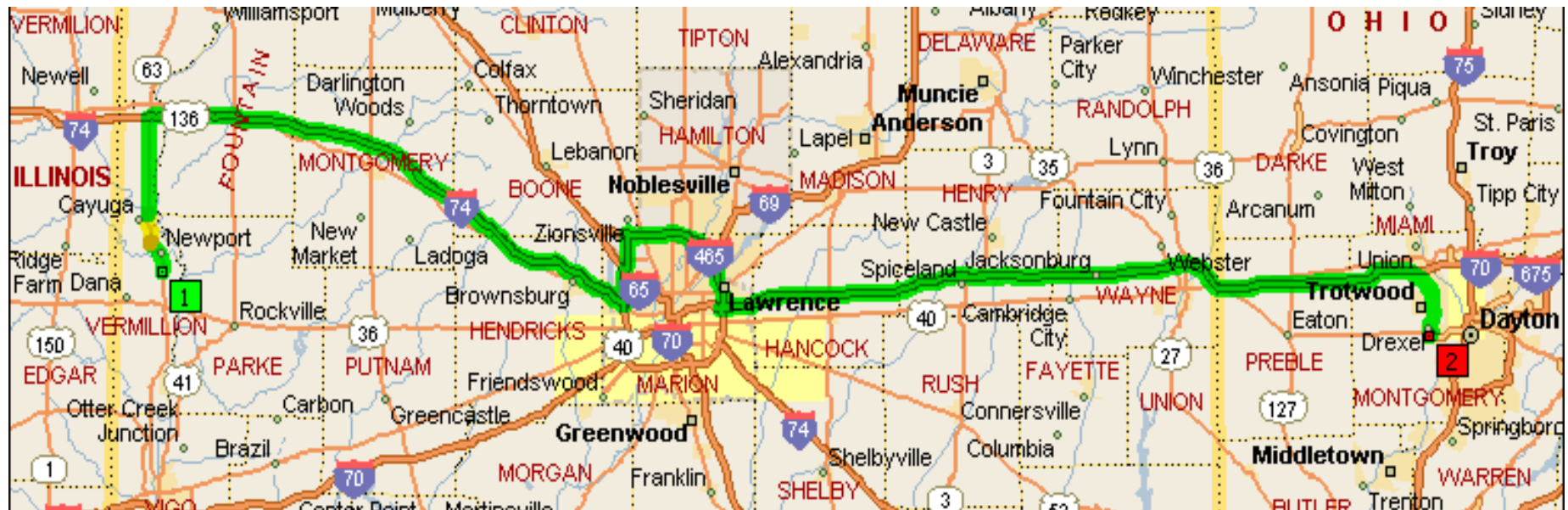




Accelerated Newport Hydrolysate Transport



- Perma-Fix would be contracted to perform the transportation
- DOT certified hazardous materials transporter
- Utilizing state-of-the-art vacuum tanker trucks with Global Positioning System (GPS); using approved hazardous material routes
- Drivers highly trained and regulated





Accelerated Newport **Who is Perma-Fix?**



- **Perma-Fix of Dayton, Inc**
300 South West End Ave.
Dayton, OH 45427
- RCRA-permitted Treatment, Storage and Disposal Facility and a Clean Water Act permitted wastewater pretreatment facility
- Firm Fixed Price contract with Parsons (Prime NECDF Systems Contractor)
- Limited Notice to Proceed awarded Dec. 21, 2002
- Congressional, state and public notification occurred Dec. 26, 2002
- Initial scope is to demonstrate pretreatment process; confirm processing rate; and conduct local public outreach
- Once treatability demonstrated, fixed unit price option for first 30% of the hydrolysate





Accelerated Newport Conclusion



- Safety and environmental protection are paramount
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 - Reduces cost of destruction to the taxpayer
- Hydrolysate off-site treatment is crucial in achieving acceleration
 - Perma-Fix:
 - Is successfully treating similar material from commercial sources
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Accelerated Newport **Contact List**



Office	Name	Address	Telephone	Email
Perma-Fix of Dayton	Tom Trebonik	300 S. West End Ave. Dayton, OH 45427	(800) 543-3670	ttrebonik@aol.com
Parsons/Newport Chemical Agent Disposal Facility	Ginger Corado	PO Box 519 Newport, IN 47966	(765) 245-5831	ginger.corado@parsons.com
Newport Chemical Depot/Newport Chemical Agent Disposal Facility	Terry Arthur	PO Box 160 Newport, IN 47966	(765) 245-4500	terry.arthur@sbccom.apgea. army.mil
Newport Chemical Stockpile Outreach Office	Susan Gilman	PO Box 279 Newport, IN 47966-0279	(765) 492-4445	susang@ccsdana.net
U.S. Army Chemical Material Agency	Jeff Lindblad	SFAE-CD-P Bldg E-4585 APG, MD 21010-4005	(410) 436-4555	jeffrey.lindblad@pmcd.apgea. army.mil